

CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (cancelled)
2. (currently amended) A method for evaluating the effectiveness of an HIV reverse transcriptase inhibitor as an anti HIV therapy for a patient infected with at least one mutant HIV strain comprising:
 - (i) collecting a sample from an HIV-infected patient;
 - (ii) determining whether the sample comprises a nucleic acid encoding HIV reverse transcriptase having at least one mutation at the position 194, wherein the wild type amino acid is mutated to glycine~~194G~~;
 - (iii) correlating the presence of said at least one mutation of step (ii) to a change in effectiveness of said ~~mutated~~ HIV reverse transcriptase inhibitor;
 - (iv) determining ~~of the effectiveness of said mutated~~ HIV reverse transcriptase inhibitor; and
 - (v) comparing the ~~drug~~ effectiveness of said inhibitor in samples containing ~~the said~~ reverse transcriptase mutation, ~~194G~~, with samples not containing said mutation.
3. to 4. (cancelled)
5. (currently amended) A method for evaluating a change in ~~an~~ anti HIV drug susceptibility comprising:
 - (i) collecting a sample from an HIV-infected patient;
 - (ii) determining whether the sample comprises an HIV reverse transcriptase having at least one mutation at the position 194, wherein the wild type amino acid is mutated to glycine ~~194G~~;
 - (iii) correlating the presence of said at least one mutation of step (ii) to a change in ~~said~~ anti HIV drug susceptibility;

- (iv) determining the effectiveness of a ~~mutated~~-reverse transcriptase inhibitor;
and
- (v) comparing the anti HIV drug effectiveness in samples containing ~~the said~~
reverse transcriptase mutation, ~~194G~~, with samples not containing said
mutation.

6. to 10. (cancelled)